



High performance and long-term reliability
"Snap-on" assembly on DIN rail (EN50022)

Fieldbus: PROFIBUS DP

Configuration and calibration by the front panel

Calibration executable with the certificates of transducers, or with dead weights

Serial RS232 output, ASCII protocols

Directly connectable to the Profibus DP fieldbus

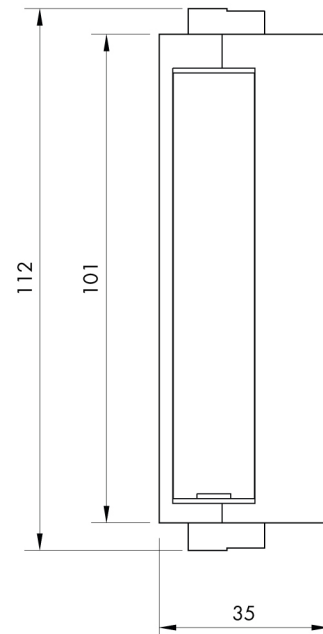
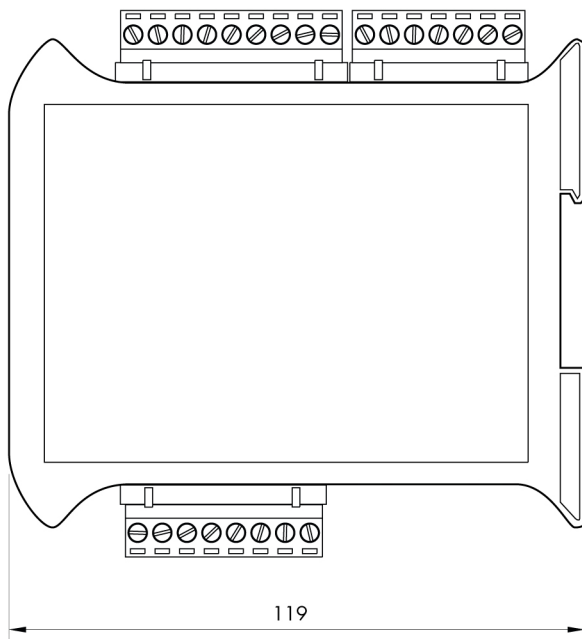
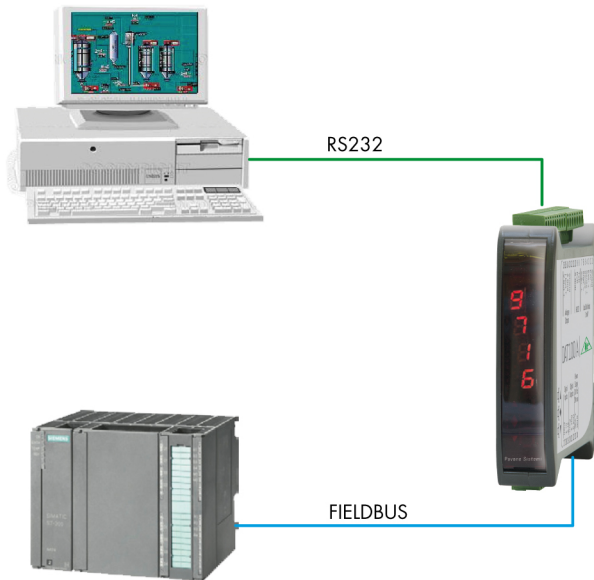
The dimensions of width contained allow to place a large number of transmitters within the electrical panels automation

Interfacing with intrinsically safe barriers for use in hazardous areas

TECHNICAL CHARACTERISTICS DAT 200/PROFIBUS

Trasducer input voltage:	4 V (max 4 cells 350 Ohm)
Measuring range:	-4 ÷ +4 mV/V
Displayed sensitivity:	0.02 V/division
Linearity:	< 0.01% FS
Gain drift:	< 0.001% FS/°C
Display:	5 digit, red LED (7 segments), h 7 mm
LED status:	2 red
D/A convertitor:	24 bit
Internal resolution:	16.000.000 counts
Visible resolution:	60.000 division visible on net weight
Divisions value:	0.001÷50 adjustable
Filter:	0.02÷25 Hz adjustable
Keyboard:	3 mechanic buttons (under the red window)
Tool voltage:	24 Vcc ±10% – power 2 W
Temperature range:	-10 / +50°C
Storage Temperature:	-20 / +60°C
Serial door:	RS232C half duplex with ASCII protocol
Baud rate:	2400÷115200 adjustable
Trasmission distance:	15 m
Direct fieldbus protocol:	Profibus DP-V1
Baud rate:	9.6 K/sec ÷ 12 Mbit/sec
Regulatory compliance:	EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for electrical security
Electrical connection:	Terminal screw pass 5.08 mm, D-Sub 9 poles female connector





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